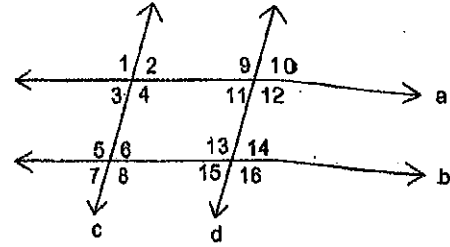


D

1. Given: $a \parallel b ; c \parallel d$

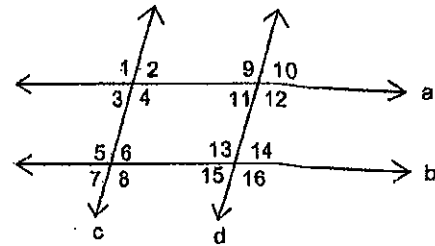
Prove: $\angle 1 \cong \angle 13$



Statements	Reasons
1. $a \parallel b ; c \parallel d$	1.
2. $\angle 1 \cong \angle 12$	2.
3. $\angle 12 \cong \angle 13$	3.
4. $\angle 1 \cong \angle 13$	4.

2. Given: $a \parallel b$

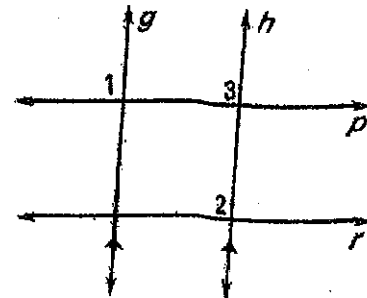
Prove: $m\angle 9 + m\angle 14 = 180^\circ$



Statements	Reasons
1. $a \parallel b$	1.
2. $m\angle 9 + m\angle 11 = 180^\circ$	2.
3. $m\angle 11 = m\angle 14$	3.
4. $m\angle 9 + m\angle 14 = 180^\circ$	4.

3. GIVEN: $g \parallel h, \angle 1 \cong \angle 2$

PROVE: $p \parallel r$



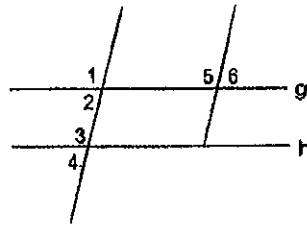
Statements	Reasons
1. $g \parallel h, \angle 1 \cong \angle 2$	1.
2. $\angle 1 \cong \angle 3$	2.
3. $\angle 2 \cong \angle 3$	3.
4. $p \parallel r$	4.

D

4. Given: $g \parallel h$; $\angle 1 \cong \angle 5$

Prove: $\angle 5 \cong \angle 3$

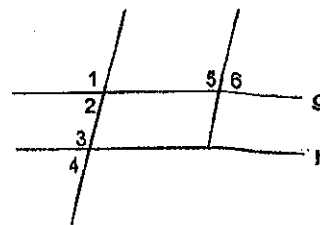
Statements _____ Reasons



5. Given: $g \parallel h$; $\angle 6$ & $\angle 3$ are supplementary

Prove: $\angle 6 \cong \angle 2$

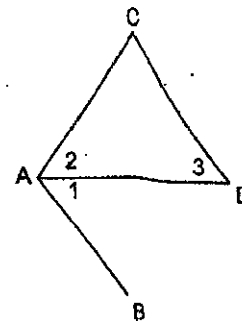
Statements _____ Reasons



6. Given: $\overline{CD} \parallel \overline{AB}$; $\angle 2 \cong \angle 1$

Prove: $\angle 2 \cong \angle 3$

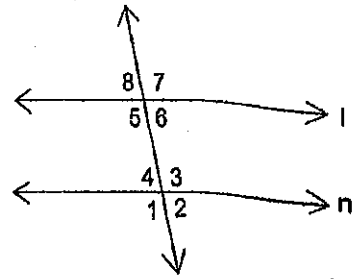
Statements _____ Reasons



7. Given: $l \parallel n$

Prove: $m\angle 2 + m\angle 7 = 180^\circ$

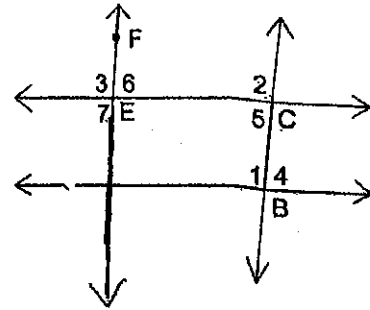
Statements _____ Reasons



8. Given: $\overline{AB} \parallel \overline{EC}$; $\overline{BC} \parallel \overline{EF}$

Prove: $\angle 7 \cong \angle 4$

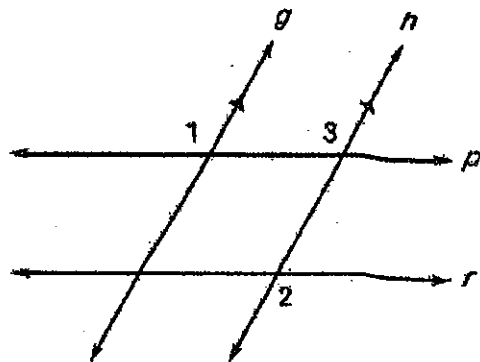
Statements _____ Reasons



9. GIVEN: $g \parallel h$, $\angle 1 \cong \angle 2$

PROVE: $p \parallel r$

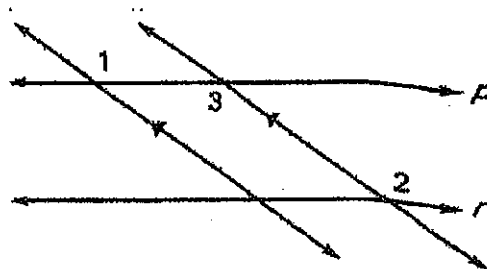
Statements _____ Reasons



10. GIVEN: $n \parallel m$, $\angle 1 \cong \angle 2$

PROVE: $p \parallel r$

Statements _____ Reasons _____



11. GIVEN: $g \parallel h$, $\angle 1$ and $\angle 4$ are supplementary

PROVE: $p \parallel r$

Statements _____ Reasons _____

